

TDMS No. 20114 - 02
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
SODIUM DICHROMATE DIHYDRATE (VI)
CAS Number: 7789-12-0
Pathologist: Blackshear, P. - THOMPSON, R.
RF1_M3

Date Report Reqsted: 04/07/2006
Time Report Reqsted: 08:26:33
First Dose M/F: 11/13/01 / 11/14/01
Lab: SRI

C Number: C20114
Lock Date: 06/24/2002
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL

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B6C3F1 MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Intestine Small, Duodenum	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte			8 (80%)	10 (100%)	10 (100%)
Epithelium, Hyperplasia		4 (40%)	5 (50%)	10 (100%)	10 (100%)
Liver	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal	1 (10%)	1 (10%)			2 (20%)
Infiltration Cellular, Mixed Cell, Focal	1 (10%)			1 (10%)	1 (10%)
Necrosis, Focal	2 (20%)			1 (10%)	
Pancreas	(10)	(6)	(6)	(5)	(6)
Cyst	1 (10%)				
Salivary Glands	(10)	(6)	(6)	(6)	(5)
Submandibular Gland, Depletion Secretory	4 (40%)	3 (50%)	3 (50%)	3 (50%)	2 (40%)
Stomach, Forestomach	(10)	(9)	(9)	(10)	(10)
Edema, Focal	1 (10%)				
Stomach, Glandular	(10)	(9)	(10)	(10)	(10)
Epithelium, Dilatation, Focal		2 (22%)			
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Thyroid Gland	(10)	(6)	(6)	(6)	(6)
Follicle, Degeneration, Cystic		1 (17%)			
GENERAL BODY SYSTEM					
None					

a - Number of animals examined microscopically at site and number of animals with lesion

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GENITAL SYSTEM					
Preputial Gland	(10)	(6)	(6)	(6)	(6)
Atrophy	1 (10%)				
Duct, Ectasia	1 (10%)				
HEMATOPOIETIC SYSTEM					
Lymph Node	(2)	(4)	(3)	(6)	(3)
Pancreatic, Infiltration Cellular, Histiocyte			2 (67%)	6 (100%)	3 (100%)
Lymph Node, Mesenteric	(10)	(9)	(9)	(8)	(8)
Atrophy					1 (13%)
Infiltration Cellular, Histiocyte			4 (44%)	6 (75%)	3 (38%)
Spleen	(10)	(6)	(6)	(6)	(6)
Hematopoietic Cell Proliferation		1 (17%)			
Pigmentation, Hemosiderin, Focal					
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					

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URINARY SYSTEM					
Kidney	(10)	(10)	(10)	(10)	(10)
Nephropathy		1 (10%)		2 (20%)	1 (10%)
Renal Tubule, Vacuolization Cytoplasmic	9 (90%)	10 (100%)	10 (100%)	9 (90%)	8 (80%)

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B6C3F1 MICE MALE

1000 MG/L

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Intestine Small, Duodenum	(10)
Infiltration Cellular, Histiocyte	10 (100%)
Epithelium, Hyperplasia	10 (100%)
Liver	(10)
Hematopoietic Cell Proliferation, Focal	1 (10%)
Infiltration Cellular, Mixed Cell, Focal	1 (10%)
Necrosis, Focal	
Pancreas	(10)
Cyst	
Salivary Glands	(10)
Submandibular Gland, Depletion Secretory	4 (40%)
Stomach, Forestomach	(10)
Edema, Focal	3 (30%)
Stomach, Glandular	(10)
Epithelium, Dilatation, Focal	2 (20%)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Thyroid Gland	(10)
Follicle, Degeneration, Cystic	

GENERAL BODY SYSTEM

None

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B6C3F1 MICE MALE**1000 MG/L**

GENITAL SYSTEM

Preputial Gland	(10)
Atrophy	
Duct, Ectasia	

HEMATOPOIETIC SYSTEM

Lymph Node	(3)
Pancreatic, Infiltration Cellular, Histiocyte	2 (67%)
Lymph Node, Mesenteric	(10)
Atrophy	
Infiltration Cellular, Histiocyte	8 (80%)
Spleen	(10)
Hematopoietic Cell Proliferation	
Pigmentation, Hemosiderin, Focal	1 (10%)

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

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1000 MG/L

URINARY SYSTEM

Kidney	(10)
Nephropathy	2 (20%)
Renal Tubule, Vacuolization Cytoplasmic	2 (20%)

*** END OF MALE ***

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Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Intestine Small, Duodenum	(10)	(10)	(9)	(10)	(10)
Infiltration Cellular, Histiocyte			9 (100%)	10 (100%)	10 (100%)
Epithelium, Hyperplasia		7 (70%)	8 (89%)	10 (100%)	10 (100%)
Liver	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal					
Infiltration Cellular, Mixed Cell, Focal	8 (80%)	2 (20%)	3 (30%)	4 (40%)	3 (30%)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal, Acute					
Ulcer	1 (10%)				
Epithelium, Hyperplasia, Focal		1 (10%)	1 (10%)		
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)
Epithelium, Dilatation, Focal	1 (10%)			1 (10%)	
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(10)	(6)	(6)	(6)	(6)
Vacuolization Cytoplasmic	10 (100%)	6 (100%)	6 (100%)	5 (83%)	2 (33%)
Parathyroid Gland	(10)	(6)	(6)	(6)	(6)
Cyst					1 (17%)
GENERAL BODY SYSTEM					
None					

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GENITAL SYSTEM					
Uterus	(10)	(10)	(10)	(10)	(10)
Hypoplasia					
Endometrium, Hyperplasia, Cystic			1 (10%)		
HEMATOPOIETIC SYSTEM					
Lymph Node	(1)	(1)	(2)	(2)	(1)
Pancreatic, Infiltration Cellular, Histiocyte			1 (50%)	1 (50%)	1 (100%)
Lymph Node, Mandibular	(10)	(6)	(6)	(6)	(6)
Hyperplasia, Lymphoid	1 (10%)				
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(9)
Infiltration Cellular, Histiocyte			6 (60%)	6 (60%)	4 (44%)
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung	(10)	(6)	(6)	(6)	(6)
Inflammation, Focal, Chronic				1 (17%)	
SPECIAL SENSES SYSTEM					
None					

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URINARY SYSTEM					
Kidney	(10)	(6)	(6)	(6)	(6)
Cyst	1 (10%)				
Nephropathy		1 (17%)			

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Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Intestine Small, Duodenum	(10)
Infiltration Cellular, Histiocyte	10 (100%)
Epithelium, Hyperplasia	10 (100%)
Liver	(10)
Hematopoietic Cell Proliferation, Focal	4 (40%)
Infiltration Cellular, Mixed Cell, Focal	4 (40%)
Stomach, Forestomach	(10)
Inflammation, Focal, Acute	1 (10%)
Ulcer	
Epithelium, Hyperplasia, Focal	
Stomach, Glandular	(10)
Epithelium, Dilatation, Focal	1 (10%)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Vacuolization Cytoplasmic	5 (50%)
Parathyroid Gland	(10)
Cyst	1 (10%)

GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

Uterus	(10)
Hypoplasia	1 (10%)
Endometrium, Hyperplasia, Cystic	

HEMATOPOIETIC SYSTEM

Lymph Node	(2)
Pancreatic, Infiltration Cellular, Histiocyte	2 (100%)
Lymph Node, Mandibular	(10)
Hyperplasia, Lymphoid	
Lymph Node, Mesenteric	(10)
Infiltration Cellular, Histiocyte	9 (90%)

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

Lung	(10)
Inflammation, Focal, Chronic	

SPECIAL SENSES SYSTEM

None

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URINARY SYSTEM

Kidney
Cyst
Nephropathy

(10)

*** END OF REPORT ***